

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

520.43241X00

10/695.939

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

MIYAUCHI et al

FILING DATE

October 30, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PSH	New Polymer Materials For Nanoimprinting, H. Schultz, et al 1861-1865, Journal of Vacuum Science Technology B 18(4), Jul/Aug (2000)
PSH	Integrated Microsystem of Thermal Amplification of DNA and Electrophoresis on a Microfabricated Plastic Chip For Detection of Specific Gene and Analysis of Genetic Materials, Micro Total Analysis Systems, 2002, vol. 1, 215-217 U. Baba
PSH	Large Area High Density Quantitized Magnetic Disks Fabricated Using Nanoimprint Lithography, Journal of Vacuum Science Technology, B 16(6) 3825-3829, Nov/Dec 1998, Wei Wu et al
PSH	Sub-10nm Imprint Lithography and Applications, Journal of Vacuum Science Technology B 15(6), 2897-2904, Nov/Dec 1997, Stephen Y. Chou, et al
PSH	DNA Size Separation Employing Microfabricated Monolithic Nano-Structure, Y. Tezuka, et al, Micro Total Analysis Systems (2002), vol. 1, 212-214
PSH	Multichannel Capillary Electrochromatography PMMA Microdevice With Integrated Pulsed Conductivity Detector, Y. Baba et al, Micro Total Analysis Systems 2002
PSH	Fabrication Of Photonic Crystals And Working Of Silicon-nano Pillars Using Metal Clusters, T. Tada, et al Applied Physics, Vol. 71, No. 10 (2002)
PSH	Creation of A Healthcare Chip For The Separation of Minute Quantities of Whole Blood, Y. Horiike, et al HTTP://fed.Or.jp/salon/bio/bio04_horiike.pdf
PSH	Lithographically Induced Self-Assembly Of Periodic Polymer Micropillar Arrays, Y. Stephen, et al J. Vac. Sci. Technol. B 17(6) Nov/Dec 1999

EXAMINER

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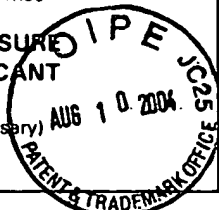
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PSM	6	3	6	8	8	7	1		4/02	Christel			

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	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
PSM	0	1	6	2	8	8	7	8/01	PCT					
PSM	0	2	4	3	9	3	7	6/02	PCT					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PSM	Structured Surfaces Mimic Coating Performance, XP-001092855, Laser Focus World April 1997
PSM	Development Of Novel Method to Create Two-Dimensional Photonic Crystals, Hase et al, Smart Structures and Materials 2000, Vol. 3990

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/695,939
		Filing Date	10/30/2003
		First Named Inventor	A. Miyauchi, et al.
		Art Unit	2879
		Examiner Name	TBD
Sheet 1 of 1	Attorney Docket Number	520.43241X00	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PSH		US- 6,720,489	4/13/2004	Curtis, et al.	
		US- 5,011,494	4/30/1991	Von Recum, et al.	
		US-2002/0081726	6/27/2002	Russell, et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ² -Number ² -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
PSH		JP 2002-292600	10/8/2002	Mitsui Chemicals, Inc.		X
PSH		JP 09-117277	5/6/1997	Becton Dickinson & Co.		X
PSH		JP 06-074935	3/18/1994	Fujitsu, Ltd.		X

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PSH		Tan, et al., "Cells lying on a bed of microneedles: An approach to isolate mechanical force", PNAS February 18, 2003, Vol. 100, No. 4, pages 1484-1489	

Examiner Signature		Date Considered	4/9/07
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